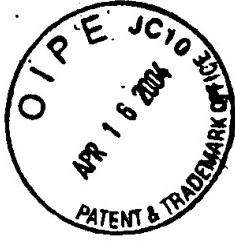


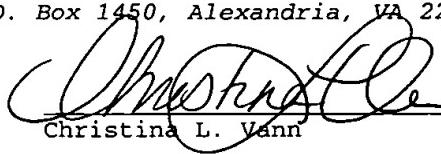
#12 Supp Andt B
SMW 5-1-04



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 13, 2004.


Christina L. Vann

Appl No. : 09/778,992 Confirmation No. 2391

Applicant : Ross Halgren

Filed : February 7, 2001

Title : TRANSPARENT OPTICAL-ELECTRONIC-OPTICAL SWITCH

TC/A.U. : 2633

Examiner : David C. Payne

Docket No. : 41761/RRT/S632

Customer No. : 23363

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APR 21 2004

Technology Center 2600

SUPPLEMENTAL AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
April 13, 2004

Commissioner:

Pursuant to the Amendment dated March 3, 2004, please further amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.

04/19/2004 DENMANU1 00000016 09778992

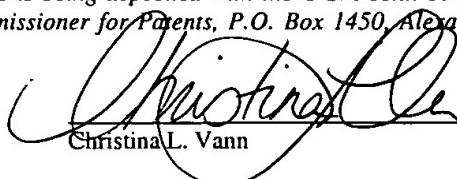
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258.00 OP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 13, 2004.



Christina L. Vann

Applicant : Ross Halgren
Application No. : 09/778,992
Filed : February 7, 2001
Title : TRANSPARENT OPTICAL-ELECTRONIC-OPTICAL SWITCH

Grp./Div. : 2633
Examiner : David C. Payne

Docket No. : 41761/RRT/S632

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APR 21 2004

Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PostOffice Box 7068
Pasadena, CA 91109-7068
April 13, 2004

Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	17+3	*20	0	0 x \$9.00	0 x \$18.00	0
Independent Claims	6	** 3	3	0 x \$43.00	3 x \$86.00	258
Multiple Dependent Claims ***				\$145.00	\$290.00	0
TOTAL FILING FEE						258
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					

LIST INDEPENDENT CLAIMS: 8, 17, 19, 23, 24, and 25

* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3
** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3
*** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME
**** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"

X _____

Attached is our check for \$258 to pay the fees calculated above.
A Petition for Extension of Time and the required fee are enclosed.
Other enclosures:

Amendment Transmittal Letter
Application No. 09/778,992

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A copy of this letter is enclosed.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

Raymond R. Tabandeh
Reg. No. 43,945
626/795-9900

RRT/clv

CLV PASS60284.1-* 04/12/04 12:05 PM